GOVERNMENT OF INDIA
POWER
LOK SABHA

UNSTARRED QUESTION NO:3669
ANSWERED ON:23.03.2017
Efficient Management of Energy Resources
Chudasama Shri Rajeshbhai Naranbhai

Will the Minister of POWER be pleased to state:

(a) whether a group of Secretaries has recommended a host of transformative ideas to manage country's energy resources through conservation and efficiency;

(b) if so, the details of recommendations made by the group;

(c) the total energy likely to be conserved per year if all these recommendations are implemented; and

(d) the steps taken so far to implement the recommendations?

Answer

THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER,
COAL, NEW & RENEWABLE ENERGY AND MINES

(SHRI PIYUSH GOYAL)

(a) & (b): Yes, Madam. The Group of Secretaries recommended following 11 point action to manage India's energy resources through Energy Conservation and Efficiency:

1. Super-efficient Household Appliances deployment and Knowledge Transformation Initiative (SHAKTI): Increase coverage of super-efficient household appliances to 50% of sales from current 10%.

2. Solar based Efficient Water-pumps for Agriculture (SEWA):- Provide 30 lakh solar based energy efficient water pumps by 2019 through a commercially viable (LED type) business model.

3. Energy Efficient (EE) Buildings & Building Material: Incentivize new energy efficient buildings to cover at least 30% constructions and existing Government buildings to reduce energy use by 25%.

4. Energy Intensive Industries: Expansion of Perform, Achieve and Trade Programme to achieve coverage of 70% of industrial energy consumption from present 30%.

5. Transport-Roads: Mandate Fuel Efficiency Norms for Heavy Duty Vehicles (HDVs) in range 12-40 MT in 2 stages and incentivize replacement of old HDVs in all ranges.

6. Transport- Roads: Fuel Efficient Driver Training Programme.

7. Transport-Railways: Arrest declining share of railway in freight and increase to 40% by 2019 from the current 36%.

8. Transport−Promoting Coastal Shipping: Increase share of coastal shipping freight to 10%.

9. Commercialization of New Technologies: Universal lighting access by Micro solar dome (Surya Jyoti) lighting technology developed by Department of Science and Technology (DST).

10. Research & Development of Critical Technologies: Advanced Ultra Super-Critical (AUSC) thermal technology and Ligno-cellulosic for blending.
11. Energy Conservation-a People's Movement: Energy innovation prize, district level awareness and virtual energy efficiency centers.

(c) : By the end of year 2019, the implementation of the recommendations is likely to save 44 million tons of oil equivalent (mtoe).

(d) : The Group of Secretaries on Energy Conservation and Efficiency recommended eleven point action plan to manage India's energy resources through energy conservation and efficiency. This action plan requires action by various Ministries/Departments, such as, Ministry of Power, Ministry of New and Renewable Energy, Ministry of Road Transport & Highways, Ministry of Railways, Ministry of Petroleum and Natural Gas, Department of Science and Technology, Ministry of Urban Development and Ministry of Shipping. The concerned Ministries/Departments formulates their respective action plans to implement the recommendations actionable by them. These action plans have been shared with NITI Aayog and the action taken thereon was also reviewed by NITI Aayog with concerned Ministries/Departments. NITI Aayog is monitoring the implementation of the action plan and tracking the progress made by the concerned Ministries/ Departments.

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